

National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: September 21, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 21, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level,  [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 9/19/2020.***

Updated September 21, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	185,981	1,999,743	110	190,068	83,738	6,694	298,009
2/1/2020	0	58,577	99	3,796	0	479	4,275
2/8/2020	1	59,294	99	3,799	0	520	4,320
2/15/2020	0	58,699	100	3,824	0	559	4,383
2/22/2020	5	58,735	101	3,700	1	565	4,269
2/29/2020	9	59,167	103	3,822	5	654	4,480
3/7/2020	35	59,559	103	3,959	17	632	4,608
3/14/2020	54	58,514	103	3,960	28	625	4,610
3/21/2020	571	59,057	104	4,536	252	560	5,408
3/28/2020	3,153	62,887	113	6,168	1,425	442	8,288
4/4/2020	10,012	72,138	129	9,905	4,751	478	15,409
4/11/2020	16,173	78,873	142	11,984	7,223	474	21,068
4/18/2020	17,055	76,541	141	11,380	7,299	266	21,213
4/25/2020	15,420	73,620	137	10,352	6,592	144	19,227
5/2/2020	13,131	69,018	129	8,921	5,503	65	16,594
5/9/2020	11,158	66,577	126	7,820	4,703	47	14,312
5/16/2020	9,153	64,219	122	6,741	3,767	21	12,145
5/23/2020	7,146	61,330	118	5,851	2,950	24	10,066
5/30/2020	6,098	59,373	115	5,245	2,471	12	8,884
6/6/2020	4,977	58,549	112	4,861	2,132	11	7,717
6/13/2020	4,182	57,648	111	4,503	1,852	11	6,841

6/20/2020	3,787	57,512	111	4,331	1,590	7	6,534
6/27/2020	3,752	57,979	113	4,212	1,542	10	6,431
7/4/2020	4,425	59,124	114	4,485	1,963	4	6,948
7/11/2020	5,620	60,850	119	5,431	2,662	9	8,398
7/18/2020	6,969	61,731	121	6,019	3,367	12	9,630
7/25/2020	7,909	62,172	123	6,527	3,836	10	10,605
8/1/2020	7,863	61,179	120	6,486	3,864	13	10,491
8/8/2020	7,339	60,692	118	6,404	3,723	9	10,026
8/15/2020	6,557	58,970	116	5,974	3,363	5	9,170
8/22/2020	5,431	55,677	110	5,234	2,770	8	7,901
8/29/2020	4,306	50,968	99	4,395	2,197	11	6,510
9/5/2020	2,613	43,062	83	3,274	1,356	6	4,535
9/12/2020	970	29,541	57	1,777	486	1	2,262
9/19/2020	107	7,911	15	392	48	0	451

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 9/19/2020.*

Updated September 21, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	185,981	1,999,743	110	190,068	83,738	6,694	298,009

Alabama	2,985	36,660	108	2,806	969	100	4,917
Alaska	40	2,669	96	123	23	-	146
Arizona	4,858	47,494	123	5,130	2,773	115	7,330
Arkansas	1,026	21,687	106	1,711	454	77	2,359
California	14,055	187,920	109	19,246	7,894	580	25,985
Colorado	1,914	28,124	111	2,300	986	95	3,318
Connecticut	4,403	21,038	104	1,864	957	73	5,380
Delaware	559	6,336	107	475	218	16	832
District of Columbia	747	4,655	119	961	713	-	1,004
Florida	13,410	152,085	113	15,333	7,122	332	21,929
Georgia	5,500	59,850	110	5,274	2,539	113	8,346
Hawaii	103	7,394	98	446	44	20	525
Idaho	425	9,666	105	533	158	25	825
Illinois	7,545	77,407	114	7,794	3,693	179	11,822
Indiana	3,417	45,106	106	4,163	1,436	133	6,273
Iowa	1,228	19,964	103	1,403	361	84	2,354
Kansas	613	17,234	102	1,144	255	89	1,591
Kentucky	1,072	30,485	98	2,742	507	101	3,405
Louisiana	4,576	33,686	114	3,527	2,240	74	5,931
Maine	153	9,609	102	611	33	31	762
Maryland	4,175	37,070	115	3,635	1,529	126	6,391
Massachusetts	8,025	44,530	116	5,327	2,859	164	10,649
Michigan	6,123	69,616	112	6,464	2,974	242	9,850
Minnesota	1,889	30,102	106	2,161	533	122	3,638
Mississippi	2,567	23,487	116	2,811	1,314	56	4,117
Missouri	1,770	41,587	100	2,626	618	180	3,958
Montana	123	6,569	99	334	42	34	449
Nebraska	437	10,986	100	805	164	28	1,106
Nevada	1,353	18,215	109	2,024	1,023	41	2,395
New Hampshire	418	8,382	105	506	114	30	839
New Jersey	14,252	63,573	133	9,974	6,881	121	17,452
New Mexico	768	12,553	105	951	337	29	1,411
New York ⁷	11,599	76,619	119	10,547	5,589	211	16,749
New York City	20,706	60,576	175	11,112	7,952	967	24,001

North Carolina	2,312	52,780	86	3,766	891	230	5,415
North Dakota	181	4,456	98	383	69	20	515
Ohio	4,070	79,819	101	5,303	1,731	263	7,904
Oklahoma	969	25,218	99	2,241	371	111	2,944
Oregon	477	23,401	99	1,111	160	65	1,492
Pennsylvania	8,161	91,640	105	7,023	2,917	253	12,516
Rhode Island	1,040	7,155	106	700	399	25	1,366
South Carolina	2,652	35,214	111	2,865	1,125	100	4,490
South Dakota	210	5,132	97	413	90	27	560
Tennessee	1,959	50,535	105	4,102	918	134	5,276
Texas	14,442	147,053	113	15,681	7,304	362	23,168
Utah	436	13,085	107	751	155	40	1,072
Vermont	59	3,813	103	185	14	16	246
Virginia	2,943	47,779	109	2,988	1,056	114	4,987
Washington	1,796	38,106	104	2,819	914	113	3,809
West Virginia	218	13,020	90	930	74	59	1,133
Wisconsin	1,186	35,542	104	1,763	233	150	2,864
Wyoming	36	3,061	105	181	13	-	213
Puerto Rico	490	16,635	88	2,116	298	67	2,372

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes New York City.

Understanding the Numbers: Provisional Death Counts and COVID-19

Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.

How it Works

The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts. These include deaths occurring within the 50 states and the District of Columbia.

NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail, such as deaths by county and by race and Hispanic origin.

COVID-19 deaths are identified using a new ICD-10 code. When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

Things to know about the data

Provisional counts are not final and are subject to change. Counts from previous weeks are continually revised as more records are received and processed.

Provisional data are not yet complete. Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

Death counts should not be compared across states. Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

